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PTO/SB/21 (09-04)

TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

Total Number of Pages in This Submission

Application Number	10/810,350
Filing Date	March 26, 2004
First Named Inventor	Carl L. Hansen
Art Unit	1722
Examiner Name	Robert M. Kunemund
Attorney Docket Number	20174C-004960US

ENCLOSURES (Check all that apply)

- ☐ Fee Transmittal Form
 - ☐ Fee Attached
- ☐ Amendment/Reply
 - ☐ After Final
 - ☐ Affidavits/declaration(s)
- ☐ Extension of Time Request
- ☐ Express Abandonment Request
- ☒ Information Disclosure Statement

- ☐ Drawing(s)
- ☐ Licensing-related Papers
- ☐ Petition
 - ☐ Petition to Convert to a Provisional Application
- ☐ Power of Attorney, Revocation
- ☐ Change of Correspondence Address
- ☐ Terminal Disclaimer
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- ☐ After Allowance Communication to TC
- ☐ Appeal Communication to Board of Appeals and Interferences
- ☐ Appeal Communication to TC (Appeal Notice, Brief, Reply Brief)
- ☐ Proprietary Information
- ☐ Status Letter
- ☒ Other Enclosure(s) (please identify below):
SB/08
81 references
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- ☐ Certified Copy of Priority Document(s)
- ☐ Reply to Missing Parts/ Incomplete Application
 - ☐ Reply to Missing Parts under 37 CFR 1.52 or 1.53

Remarks The Commissioner is authorized to charge any additional fees to Deposit Account 20-1430.

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm Name	Townsend and Townsend and Crew LLP
Signature	
Printed name	Patrick M. Boucher
Date	October 13, 2005

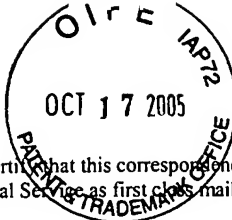
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Date October 13, 2005



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On October 13, 2005

TOWNSEND and TOWNSEND and CREW LLP

By: Janet L. Newmaker
Janet L. Newmaker

PATENT

Attorney Docket No.: 20174C-004960US
Client Reference Nos.: CIT 3484-CIP-CIP-CIP-
CIP1 and U186.210P1.US

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Carl L. Hansen et al.

Application No.: 10/810,350

Filed: March 26, 2004

For: Microfluidic Protein
Crystallography Techniques

Customer No.: 20350

Confirmation No.: 8250

Examiner: Robert M. Kunemund

Art Unit: 1722

**SUPPLEMENTAL INFORMATION
DISCLOSURE STATEMENT UNDER
37 CFR §§ 1.97 AND 1.98**

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
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Sir:

The references cited on attached form PTO/SB/08A and PTO/SB/08B are being called to the attention of the Examiner. Copies of the non-US references (in compliance with the requirements of 1287 OG 163) are enclosed.

It is respectfully requested that the cited references be expressly considered during the prosecution of this application, and the references be made of record therein and appear among the "references cited" on any patent to issue therefrom.

As provided for by 37 CFR 1.97(g) and (h), no inference should be made that the information and references cited are prior art merely because they are in this statement and no representation is being made that a search has been conducted or that this statement encompasses all the possible relevant information.

Applicants believe that no fee is required for submission of this statement. If a fee is required, however, the Commissioner is authorized to deduct such fee from the undersigned's Deposit Account No. 20-1430. Please deduct any additional fees from, or credit any overpayment to, the above-noted Deposit Account.

Respectfully submitted,



Patrick M. Boucher
Reg. No. 44,037

Date: October 13, 2005

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60608235 v1



PTO/SB/08A (08-03)

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Complete if Known			
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		Art Unit	1722		
		Examiner Name	Robert M. Kunemund		
Sheet	1	of	7	Attorney Docket Number	20174C-004960US

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number Kind Code ² (if known)			
	A1	US-4,992,312	02-12-1991	Frisch	
	A2	US-5,788,468	08-04-1998	Dewa et al.	
	A3	US-2001/0041357 A1	11-15-2001	Fouillet et al.	
	A4	US-6,345,502 B1	02-12-2002	Tai et al.	
	A5	US-6,409,832 B2	06-25-2002	Weigl et al.	
	A6	US-6,767,706 B2	07-27-2004	Quake et al.	

FOREIGN PATENT DOCUMENTS								
Examiner Initials*	Cite No. ¹	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
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	C2	"Chapter 9: Microfluidic Devices," Micromachined Transducers Sourcebook, pp. 779-882, 1998	
	C3	"Electro Microfluidic Dual In-Line Package (EMDIP)," Sandia National Laboratories, 2 pages, no date	
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	C16	BURBAUM, JONATHAN J. et al., "New Technologies For High-Throughput Screening," Current Opinion in Chemical Biology, Vol. 1, pp. 72-78, 1997	

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	C17	CALKINS, KATHRYN, "Mycometrix: Rubber Chips," BioCentury, 2 pages, 10/16/2000		
	C18	CHAYEN, NAOMI E., "A Novel Technique To Control The Rate Of Vapour Diffusion, Giving Larger Protein Crystals," Journal of Applied Crystallography, Vol. 30, pp. 198-202, 1997		
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	C30	FOLCH, A. et al., "Molding Of Deep Polydimethylsiloxane Microstructures For Microfluidics And Biological Applications," Journal of Biomechanical Engineering, Vol. 121, pp. 28-34, 2/1999		
	C31	FOX, KRISTIN M. et al., "Crystallization Of Old Yellow Enzyme Illustrates An Effective Strategy For Increasing Protein Crystal Size," J. Mol. Biol., Vol. 234, pp. 502-507, 1993		
	C32	GALAMBOS, PAUL et al., "Electrical And Fluidic Packaging Of Surface Micromachined Electro-Microfluidic Devices," 8 pages, no date		

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	C33	GREENE, CHANA, "Characterizing The Properties Of PDMS," pp. 1-11, Summer 2000		
	C34	GUÉRIN, L. J. et al., "Simple And Low Cost Fabrication Of Embedded Micro-Channels By Using A New Thick-Film Photoplastic," Transducers '97, 1997 International Conference on Solid-State Sensors and Actuators, Chicago, Illinois, pp. 1419-1422, 6/18-19/1997		
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	C63	RUBIN, BYRON et al., "Minimal Intervention Robotic Protein Crystallization," Journal of Crystal Growth, Vol. 110, pp. 156-163, 1991	

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	C64	RUMMEL, GABRIELE et al., "Lipidic Cubic Phases: New Matrices For The Three-Dimensional Crystallization Of Membrane Proteins," Journal of Structural Biology, Vol. 121, pp. 82-91, 1998		
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Sheet	7	of	7	Attorney Docket Number	20174C-004960US

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	C79	XU, BING et al., "Making Negative Poisson's Ratio Microstructures By Soft Lithography," Adv. Mater., Vol. 11, No. 14, pp. 1186-1189, 1999	
	C80	YANG, XING et al., "A Low Power MEMS Silicone/Parylene Valve," Solid-State Sensor and Actuator Workshop, Hilton Head Island, South Carolina, 4 pages, 6/7-11/1998	
	C81	ZAMPIGHI, G. et al., "Structural Organization Of (Na ⁺ + K ⁺)-ATPase In Purified Membranes," Journal of Cell Biology, Vol. 98, pp. 1851-1864, 5/1984	

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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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